

March 30, 2006

TRANSMITTAL

TO: Joel Lawson
Development Review Planner, DC Office of Planning

FROM: Rizwan Elahi, Engineer III
DC Water and Sewer Authority, Planning & Design Branch

SUBJECT: Zoning Commission Case 04-36, Dorchester Apartment

DCWASA reviewed the zoning application for this project as transmitted by the DC Office of Planning on March 10, 2006. DC WASA comments are as follows:

Water Requirements: The water service to this site will be provided from the water mains in 17th Street, NW. However, the existing 6-inch and 8-inch water mains in 17th Street are around 100 years old and may require upsizing/replacement. The applicant is required to submit the information listed below in order for the DC Water and Sewer Authority (DCWASA) to verify the ability of the water distribution system to provide adequate domestic water demands and fire flows for the fire protection.

Required Information for Fire Flow Evaluation:

1. Results from the fire flow test on the water mains in 17th Street, NW;
2. Completed DC WASA pump form (see attached); and
3. Completed water meter design form (see attached).

Please note that DC WASA's engineering evaluation may indicate that the water main in the street does not have adequate capacity to serve this project. DC WASA will advise the applicant if the water mains will have to be upsized/replaced to meet the water demands for the domestic services and fire protection for this project.

Sewer Requirements: Sanitary and storm flow from this site are received by the existing 15" combined sewer on 17th Street, NW. The existing 15-inch combined sewer along 17th Street should be able to handle the peak sanitary flow rate from the proposed project. DCWASA will review the project plans that the applicant submits for a public space permit. The applicant's engineer must design a storm water detention structure to ensure the 15-year post condition storm water peak discharge is less than or equal to the pre-development conditions. DCWASA will issue a water and sewer availability certificate and recommend the issuance of a building permit if the final project plans meet DCWASA requirements.

ZONING COMMISSION
District of Columbia

CASE NO. 04-36
EXHIBIT NO. 90
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